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**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**LISTING OF CLAIMS:**

Claim 1 (currently amended): A method of producing a piezoelectric component comprising the steps of:

    forming a plurality of piezoelectric elements having a vibrating portion and a bump on a substrate;

    mounting the plurality piezoelectric elements on a mounting substrate having external terminals via the bumps by flip chip bonding such that the vibrating portions are opposed to the mounting substrate;

    arranging a resin film on the mounting substrate having the plurality of piezoelectric elements mounted thereon;

    sealing the plurality of piezoelectric elements by embedding the resin film between adjacent ones of the piezoelectric elements mounted on the mounting substrate;

    hardening the resin film; and

    splitting the mounting substrate by dicing to form individual piezoelectric components; wherein

        the sealing step includes a step of hot-press bonding in which the resin film is heated, softened, and simultaneously pressed by a roller; and

        in the step of hot-press bonding, the mounting substrate having the piezoelectric elements mounted thereon is fixed to a flat-surface stage for the step of hot-press bonding; and

in the sealing step, a step of pressing the resin film from the upper side thereof is carried out by a mold-frame after the step of hot-press bonding.

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Claim 2 (original): A method of producing a piezoelectric component according to Claim 1, wherein in the step of hot-press bonding, the mounting substrate having the piezoelectric elements mounted thereon is passed between two rollers.

Claims 3 and 4 (canceled).

Claim 5 (currently amended): A method of producing a piezoelectric component according to Claim 1, wherein A method of producing a piezoelectric component comprising the steps of:

forming a plurality of piezoelectric elements having a vibrating portion and a bump on a substrate;

mounting the plurality piezoelectric elements on a mounting substrate having external terminals via the bumps by flip chip bonding such that the vibrating portions are opposed to the mounting substrate;

arranging a resin film on the mounting substrate having the plurality of piezoelectric elements mounted thereon;

sealing the plurality of piezoelectric elements by embedding the resin film between adjacent ones of the piezoelectric elements mounted on the mounting substrate;

hardening the resin film; and

splitting the mounting substrate by dicing to form individual piezoelectric components; wherein

the sealing step includes a step of hot-press bonding in which the resin film is heated, softened, and simultaneously pressed by a roller;

in the step of hot-press bonding, the mounting substrate having the piezoelectric elements mounted thereon is fixed to a flat-surface stage for the step of hot-press bonding; and

in the sealing step, the step of hot-press bonding is carried out by a mold-frame after hot-press bonding step.

Claim 6 (original): A method of producing a piezoelectric component according to Claim 1, wherein in the sealing step, the step of hot-press bonding is repeated.

Claim 7 (currently amended): A method of producing a piezoelectric component according to Claim 41, wherein in the sealing step, after the step of pressing the resin film from the upper side thereof is carried out, a further step of hot-press bonding and a further pressing step are sequentially carried out, using the mold-frame.

Claim 8 (currently amended): A method of producing a piezoelectric component according to Claim 420, wherein in the sealing step, the step of hot-press bonding step is repeated, and thereafter, a step of pressing the resin film from the upper side thereof is carried out by a mold-frame.

Claim 9 (original): A method of producing a piezoelectric component according to Claim 1, further comprising, disposing a resin-flowing-out preventing frame on the end portion of the mounting substrate after the arranging step.

Claim 10 (original): A method of producing a piezoelectric component according to Claim 1, wherein after the mounting step, at least one sealing-assisting piece is disposed between adjacent ones of the piezoelectric elements mounted on the mounting substrate.

Claim 11 (original): A method of producing a piezoelectric component according to Claim 10, wherein the at least one sealing-assisting piece is provided by bonding a sheet having plural openings to the mounting substrate.

Claim 12 (previously presented): A method of producing a piezoelectric component according to Claim 1, wherein before the mounting step, at least one sealing

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assisting piece is disposed between piezoelectric elements before the piezoelectric elements are mounted on the mounting substrate.

Claim 13 (previously presented): A method of producing a piezoelectric component according to Claim 12, wherein after the at least one sealing-assisting piece is provided by bonding a sheet having plural openings to the mounting substrate, piezoelectric elements are mounted onto the mounting substrate through the openings.

Claim 14 (original): A method of producing a piezoelectric component according to Claim 12, wherein a height of the at least one sealing-assisting piece is larger than a height of the bumps and is smaller than a height of the plurality of piezoelectric elements mounted by flip chip bonding.

Claim 15 (original): A method of producing a piezoelectric component according to Claim 1, wherein before the mounting step, the mounting substrate is surface-modification-treated to enhance the adhesion of the mounting substrate to the resin film.

Claim 16 (original): A method of producing a piezoelectric component according to Claim 1, wherein after the mounting step, the mounting substrate is surface-modification-treated to enhance the adhesion of the mounting substrate to the resin film.

Claim 17 (original): A method of producing a piezoelectric component according to Claim 15, wherein the surface-modification-treatment is carried out by at least one of plasma-irradiation, UV-irradiation, corona-discharge, excimer-laser irradiation, and sand-blasting.

Claim 18 (original): A method of producing a piezoelectric component according to Claim 1, wherein gaps between the plurality of piezoelectric elements mounted on the

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mounting substrate via the bumps by flip chip bonding and the mounting substrate are in the range of about 10  $\mu\text{m}$  to about 50  $\mu\text{m}$ .

Claim 19 (original): A method of producing a piezoelectric component according to Claim 1, wherein a distance D between the plurality piezoelectric elements mounted on the mounting substrate and a thickness t of the plurality of piezoelectric elements have a relationship expressed by  $D/t > 2$ .

Claim 20 (currently amended): ~~A method of producing a piezoelectric component according to Claim 1, wherein~~ A method of producing a piezoelectric component comprising the steps of:

forming a plurality of piezoelectric elements having a vibrating portion and a bump on a substrate;

mounting the plurality piezoelectric elements on a mounting substrate having external terminals via the bumps by flip chip bonding such that the vibrating portions are opposed to the mounting substrate;

arranging a resin film on the mounting substrate having the plurality of piezoelectric elements mounted thereon;

sealing the plurality of piezoelectric elements by embedding the resin film between adjacent ones of the piezoelectric elements mounted on the mounting substrate;

hardening the resin film; and

splitting the mounting substrate by dicing to form individual piezoelectric components; wherein

the sealing step includes a step of hot-press bonding in which the resin film is heated, softened, and simultaneously pressed by a roller;

in the step of hot-press bonding, the mounting substrate having the piezoelectric elements mounted thereon is fixed to a flat-surface stage for the step of hot-press bonding; and

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a height d of the piezoelectric component, a volume V of one of the plurality of piezoelectric elements including the bumps and the gap between the piezoelectric element and the mounting substrate, a number n of piezoelectric elements per unit area on the mounting substrate, a thickness t1 of the resin film, and an average thickness t2 of the mounting substrate (cross-sectional area/length of substrate) have a relationship expressed by  $0.8 < d/(nV + t1 + t2) < 1.1$ .

Claim 21 (original): A method of producing a piezoelectric component according to Claim 1, wherein the resin film has a volume-resistivity of up to about  $10^{10} \Omega\cdot\text{m}$ .

Claim 22 (currently amended): A method of producing a piezoelectric component according to Claim 1, further comprising the step of forming an electroconductive layer on ~~the-a~~ back surface of a piezoelectric element after the mounting step.

Claim 23 (original): A method of producing a piezoelectric component according to Claim 1, further comprising the step of forming an electroconductive layer on the hardened resin film after the hardening step.

Claim 24 (original): A method of producing a piezoelectric component according to Claim 1, wherein the plurality of piezoelectric elements are surface acoustic wave elements having at least one interdigital electrode on the surface of a piezoelectric substrate.

Claim 25 (original): A method of producing a piezoelectric component according to Claim 1, wherein the plurality of piezoelectric elements are piezoelectric thin-film elements having a substrate with an opening or concavity and having a vibrating portion with at least one layer of a piezoelectric thin-film sandwiched between a pair of upper and lower electrodes opposed to each other and positioned over the opening or concavity.

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Claims 26-38 (canceled).

Claim 39 (previously presented): A method of producing a piezoelectric component comprising the steps of:

forming a plurality of piezoelectric elements each having a vibrating portion and a bump on a substrate;

mounting the plurality piezoelectric elements on a mounting substrate having external terminals via the bumps by flip chip bonding such that the vibrating portions are opposed to the mounting substrate;

arranging a resin film on the mounting substrate having the plurality of piezoelectric elements mounted thereon;

sealing the plurality of piezoelectric elements by embedding the resin film between adjacent ones of the piezoelectric elements mounted on the mounting substrate;

hardening the resin film; and

splitting the mounting substrate by dicing to form individual piezoelectric components; wherein

the sealing step includes a step of hot-press bonding in which the resin film is heated, softened, and simultaneously pressed by a roller; and

a height  $d$  of one of the plurality of piezoelectric components, a volume  $V$  of said one of the plurality of piezoelectric elements including the bumps and the gap between said one of the plurality of piezoelectric elements and the mounting substrate, a number  $n$  of piezoelectric elements per unit area on the mounting substrate, a thickness  $t_1$  of the resin film, and an average thickness  $t_2$  of the mounting substrate (cross-sectional area/length of substrate) have a relationship expressed by  $0.8 < d/(nV + t_1 + t_2) < 1.1$ .